L-372BFA Operational Description

The 2 way pager is a low-powered transmitter device used in monitoring the automobile security status as well as in remotely arming/disarming car security system and other optional features. Its features and functions are described in the separate attached sheet.

The transmission is powered by DC 12V and works on 372.5MHz single fixed frequency. Details of circuit diagram and its block diagram are shown on the attached sheets.

The automobile's sensor will trigger the digital control signals and modulate the carrier signal. The carrier signal is generated by a crystal oscillator/amplifier circuit of a 372.5MHz crystal and a npn transmitter. The modulated output of the RF amplifier stage is coupled to the coil.

All the tuning and verification are done by manufacturer during the production process and no adjustment is allowed by any consumer. No external ground is needed in such device.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may

cause undesired operation.

- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.